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ABSTRACT

This document updates the Athletic Tracking Study completed by the Palomar College Institutional Research and Planning department in 1999. To complete this study, the authors placed student athletes into cohorts based on the year in which they began participating in the athletic program. They then tracked the persistence and performance of each cohort by semester. For this study they added three new years of cohorts from 1988-89 through 1998-99. Also, for general comparison purposes, they tracked cohorts of first-time full-time students over the same time period. The authors note that this study tracks first-time athletic program participants. A preliminary tracking of students in the cohorts showed that many athletes complete a course at Palomar prior to participating in an athletic program. Key research findings include: (1) persistence from first to second semester for athletes has decreased slightly over time although remaining relatively high (87%); (2) compared with other campus groups, athlete completion rates, including California State University certifications, remain high; and (3) the percentage of "transfer level" units completed by the athlete cohorts increases over time. Appended to this report are tracking tables from each athlete and first-time, full-time cohort that provides data on persistence, degree completion, transfer certifications, and grade point average. (RC)

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Athlete Persistence and Performance Over-Time

May 2002

Prepared for:
Athletic Department
Palomar College

Prepared by:
Institutional Research and Planning

Full Report

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Summary Report of the Athlete Tracking Study

This summary report briefly describes an update to the Athletic Tracking Study completed by the Office of Institutional Research and Planning (IR&P). For a more detailed report including a description of the method, please contact the IR&P office or Athletics.

The study described in this report represents an update of the *Athletic Tracking* study completed by the Institutional Research and Planning department in 1999. To complete this study, we placed student athletes into cohorts based on the year in which they began participating in the athletic program. Then, we tracked the persistence and performance of each cohort by semester. For this study we added three new years of cohorts from 1996 through 1998. Thus, overall this office has tracked entering athlete cohorts from 1988-89 through 1998-99. Also, for general comparison purposes, we tracked cohorts of first-time full-time students over the same time period.

Note, this study tracks first-time athletic program participants. A preliminary tracking of students in the cohorts program showed that many athletes complete a course at Palomar prior to participating in an athletic program.

Results

Demographics

Table 1
Gender of Athletes and First-Time Full-Time Cohorts ('96-'98)

	Athletes		First-Time Full-Time	
Gender	#	%	#	%
Female	168	31.4	1,585	48.2
Male	347	64.9	1,694	51.5
Missing/Unknown	20	3.7	9	0.3
Total	535	100.0	3,287	100.0

Table 2
Ethnicity of Athletes and First-Time Full-Time Cohorts ('96-'98)

	Athletes		First-Time Full-Time	
Ethnicity	#	%	#	%
White, Non-Hispanic	292	54.6	2,040	62.1
Asian	27	5.0	257	7.8
Filipino	2	0.4	161	4.9
Black, Non-Hispanic	52	9.7	72	2.2
Hispanic	88	16.4	478	14.5
Native American	8	1.5	41	1.2
Other, Non-White	8	1.5	57	1.7
Unknown	2	0.4	21	0.6
Declined to State	19	3.6	120	3.7
Pacific Islander	17	3.2	38	1.2
Missing	20	3.7	2	0.1
Total	535	100.0	3,287	100.0

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Athlete Tracking Tables

Appendix A includes the tracking tables for each Athlete cohort in the study. Appendix B includes the tracking tables for the First-time Full-time cohorts. For each cohort, the tables track persistence, completion in terms of AA/CA degrees awarded and CSU transfer certifications, as well as GPA. Additional tables also show course type distribution of the athlete cohorts. Before reviewing the tables in detail please read the accompanying text description in Appendix A.

Summary of Observations from the Athlete Tracking Tables

- Persistence from 1st to 2nd semester for athletes has decreased slightly over time. However, it still remains high. For example, 87% of the Fall 1996 first time athletes enrolled in at least one class the following semester (Spring 1997).
- Compared to other campus groups, athlete completion rates including CSU certifications remain high.
- Athlete first semester mean GPAs are around 2.44. The second semester mean GPAs drop a bit, but then rebound in the 3rd semester.
- The percentage of "transfer level" units completed by the athlete cohorts increases over time.

Summary of Cursory Comparison of Athlete Cohorts to First-time, Full-time Cohorts

- Persistence rates of athlete cohorts and first-time, full-time cohorts are similar.
- For the types of completion tracked in this study, as a percent of original cohort, athletes "completed" their studies faster.
- Athletes received more AA degrees than first-time full-time students.
- By the last cohort tracked, athletes began certifying to a CSU at higher rates than first-time full-time students (See Figures 1 and 2 on the following page).

  Note, that any comparison between the completion rates of athletes and first-time full-time students should consider that groups also may be transferring without AA or CSU certification. Thus, first-time full-time completion rates may be underestimated. Further, athletes included in the cohorts are based on first time participants in an athletic program. Also, many athletes complete a course prior to participating in a program and are thus not first time students. On the other hand the full-time cohorts represent first-time students.
- Full-time student cohorts had a slightly higher initial percentage of students placing in the semester GPA category of 3.5-4.0.

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Figure 1
Total Completions for Athlete Cohorts

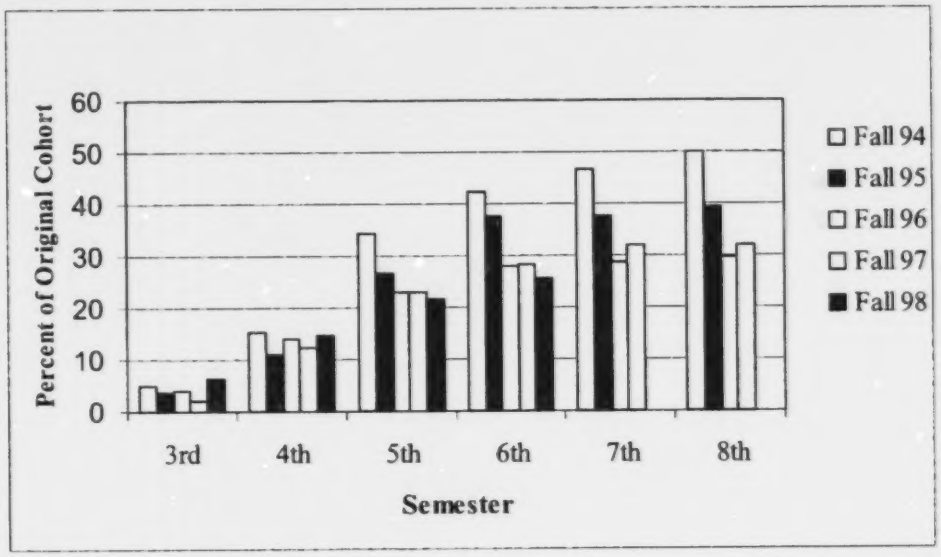
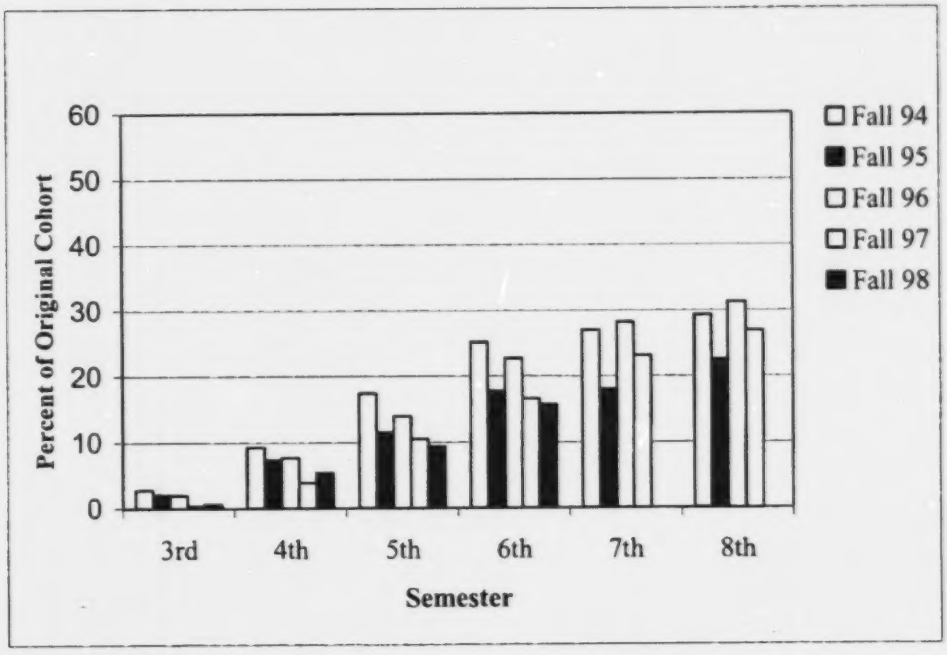


Figure 2
Total Completions for First-time Full-time Cohorts



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Summary

In summary, athletes appear to be persisting and "completing" their studies at Palomar. Over time the persistence of athletes from 1st to 2nd semester has decreased slightly. Further, increases in certifications for transfer to CSUs has impacted the overall "completion" rates (for the completion indices we can track). Athletes appear to perform better in the earlier semesters relative to later semesters. However, a drop in semester GPAs around the 6th semester is possibly due to the fact the higher performing students are completing or moving on by this time. Athletes appear to have slightly lower GPAs relative to the comparison group but have higher completion rates than the comparison group.

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Appendix A
Athlete Cohort Tracking Tables

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Description of Tables

Table 1A shows persistence and completion information for the athlete cohorts in terms of a percentage of the original cohort. The following information is provided for each cohort: persistence, AA degrees awarded, Certificate of Achievements awarded, and certifications to transfer to a CSU. Each cohort also includes a *Total CC* row that represents the sum of the persistence and completion information. Note, the "*Completion*" information provided in each table represents a cumulative percent by semester. Table 2A includes just completion information (AA, CA, and certification to transfer to a CSU) for each cohort.

Table 3A provides the distribution of semester GPAs by category, mean units attempted, mean units completed, and mean semester GPAs for each cohort.

Table 4A provides the distribution of types of courses for each cohort. We divided types of courses into four categories: ACS (Athletic Competitive Sports), PE, Precollegiate, and Transfer level. In general, we considered classes with course numbers greater than 100 a transfer level course.

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Table 3A
Palomar College Student Retention and Completion Outcomes
Athlete Cohorts

Cohort	Semester Since Entrance											
	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1988												
% Retained	97.9	83.5	67.5	58.2	30.4	24.7	17.0	13.9	8.8	9.8	6.7	7.2
% AA	-	-	-	5.2	13.4	17.5	18.6	19.6	21.6	22.2	22.2	23.2
% Cert	-	-	-	-	-	-	-	-	-	-	-	0.5
% CSU	1.0	2.1	6.2	9.8	11.3	11.9	14.4	16.0	16.0	16.0	16.0	16.0
Total CC	97.9	85.6	73.7	73.2	55.1	54.1	50.0	49.5	46.4	48.0	44.9	46.9
N = 194												
Fall 1989												
% Retained	97.8	84.0	68.5	56.9	38.1	33.1	19.9	16.0	13.3	12.2	NA	NA
% AA	1.1	1.7	4.4	5.5	8.3	9.4	12.2	12.2	12.2	13.3	NA	NA
% Cert	-	-	-	-	-	-	-	0.6	1.1	1.1	NA	NA
% CSU	0.6	0.6	1.1	1.1	3.9	6.6	9.4	11.6	11.6	11.6	NA	NA
Total CC	99.5	86.3	74.0	63.5	50.3	49.1	41.5	40.4	38.2	38.2	NA	NA
N = 181												
Fall 1990												
% Retained	99.4	87.0	68.9	54.0	40.4	32.3	17.4	15.5	NA	NA	NA	NA
% AA	1.2	1.2	3.1	5.6	9.3	14.3	16.8	18.0	NA	NA	NA	NA
% Cert	-	-	0.6	0.6	0.6	0.6	0.6	0.6	NA	NA	NA	NA
% CSU	-	-	-	-	2.5	3.7	8.1	8.1	NA	NA	NA	NA
Total CC	99.4	88.2	72.6	60.2	52.8	50.9	42.9	42.2	NA	NA	NA	NA
N = 161												
Fall 1991												
% Retained	97.9	91.5	68.8	59.6	36.2	29.1	19.1	15.6	13.5	10.6	8.5	10.6
% AA	-	1.4	2.1	4.3	12.8	16.3	20.6	22.0	24.8	24.8	24.8	25.5
% Cert	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7
% CSU	-	-	3.5	5.7	10.6	13.5	16.3	17.0	18.4	18.4	18.4	19.1
Total CC	97.9	92.9	74.4	69.6	59.6	58.9	56.7	55.3	57.4	54.5	52.4	55.9
N = 141												
Fall 1992												
% Retained	98.6	86.3	69.1	54.7	32.4	29.5	20.1	18.7	15.1	12.2	9.4	8.6
% AA	-	0.7	3.6	5.8	12.2	13.7	15.1	15.8	17.3	18.7	18.7	19.4
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	-	-	2.9	4.3	7.2	8.6	8.6	9.4	10.8	11.5	11.5	11.5
Total CC	98.6	87.0	75.6	64.8	51.8	51.8	43.8	43.9	43.2	42.4	39.6	39.5
N = 139												
Fall 1993												
% Retained	99.4	94.3	69.2	63.5	41.5	32.1	19.5	17.0	15.1	15.1	12.6	9.4
% AA	-	3.1	3.8	8.8	14.5	17.6	22.0	23.3	24.5	27.7	29.6	29.6
% Cert	-	-	-	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3
% CSU	-	-	3.8	5.7	9.4	10.7	13.8	15.1	15.7	18.9	20.1	20.1
Total CC	99.4	97.4	76.8	78.6	66.0	61.0	56.6	56.7	56.6	63.0	63.5	60.4
N = 159												

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Table 3A (Continued)
Palomar College Student Retention and Completion Outcomes
Athlete Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1994												
% Retained	98.6	89.6	65.3	56.9	31.9	29.9	19.4	18.8	9.0	9.0	2.8	4.2
% AA	-	-	-	5.6	10.4	13.2	14.6	15.3	15.3	16.7	18.1	18.1
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	0.7	1.4	4.9	9.7	24.0	29.3	32.0	34.7	18.1	18.8	19.4	19.4
Total CC	99.3	91.0	70.2	72.2	66.3	72.4	66.0	68.8	42.4	44.4	40.3	41.7
N = 144												
Fall 1995												
% Retained	94.1	92.6	69.6	60.0	36.3	26.7	26.7	15.6	13.3	5.2	3.7	2.2
% AA	-	-	0.7	4.4	13.3	20.0	20.0	21.5	23.7	24.4	24.4	24.4
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	-	0.7	3.0	6.7	13.3	17.8	17.8	17.8	18.5	19.3	19.3	19.3
Total CC	94.1	93.3	73.3	71.1	62.9	64.5	64.4	54.8	55.6	48.9	47.4	45.9
N = 135												
Fall 1996												
% Retained	94.8	87.0	68.8	62.0	37.0	29.7	17.2	15.1	8.9	7.3		
% AA	-	1.6	2.1	8.3	14.6	17.2	17.7	18.8	19.3	19.8		
% Cert	-	-	-	-	-	-	-	-	-	-		
% CSU	-	-	2.1	5.7	8.3	10.9	10.9	10.9	11.5	12.0		
Total CC	94.8	88.5	72.9	76.0	59.9	57.8	45.8	44.8	39.6	39.1		
N = 192												
Fall 1997												
% Retained	94.7	85.1	60.6	53.7	30.3	29.8	16.5	13.3				
% AA	-	-	0.5	5.3	11.7	14.4	16.5	16.5				
% Cert	-	-	-	-	-	-	-	-				
% CSU	-	-	1.6	6.9	11.2	13.8	15.4	15.4				
Total CC	94.7	85.1	62.8	66.0	53.2	58.0	48.4	45.2				
N = 188												
Fall 1998												
% Retained	92.4	83.6	66.7	55.0	33.3	26.9						
% AA	-	-	3.5	7.0	11.7	14.0						
% Cert	-	-	-	-	-	-						
% CSU	-	1.2	2.9	7.6	9.9	11.7						
Total CC	92.4	84.8	73.1	69.6	55.0	52.6						
N = 171												

Note: All data is end of semester data. Thus, the number of the cohort present for the first semester represents the number of first-time athlete students who entered and received at least one grade, including W grades, at the end of their first semester. The number actually starting the first semester or each subsequent semester is unknown. A W grade is not required until the 4th week of the semester. In addition, a student is counted as present at the end of a semester if he or she receives a grade in any course including a W grade. Consequently, students receiving W grades in all courses are nonetheless counted as present or persisting for that semester. Persistence rate are lower when students with W's in all their classes are not counted as persisted.

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are not counted as persisted.

Abbreviations:		
	% Retained	Percentage of original Cohort retained.
	% AA	Percentage of original Cohort awarded an AA Degree.
	% Cert	Percentage of original cohort awarded a vocational Certificate.
	% CSU	Percentage of original cohort certified as completing (or partially completing) lower division requirements for CSU transfer. Note: This data has not been recorded since Fall 1993.
	Total CC	Percentage of original cohort retained or completing an AA, Certificate, or CSU certified.
	NA:	Data not available.

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Table 4A
Palomar College Student Completion Outcomes
Athlete Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1988												
% AA	-	-	-	5.2	13.4	17.5	18.6	19.6	21.6	22.2	22.2	23.2
% Cert	-	-	-	-	-	-	-	-	-	-	-	0.5
% CSU	1.0	2.1	6.2	9.8	11.3	11.9	14.4	16.0	16.0	16.0	16.0	16.0
% Complete	1.0	2.1	6.2	15.0	24.7	29.4	33.0	35.6	37.6	38.2	38.2	39.7
Fall 1989												
% AA	1.1	1.7	4.4	5.5	8.3	9.4	12.2	12.2	12.2	13.3	NA	NA
% Cert	-	-	-	-	-	-	-	0.6	1.1	1.1	NA	NA
% CSU	0.6	0.6	1.1	1.1	3.9	6.6	9.4	11.6	11.6	11.6	NA	NA
% Complete	1.7	2.3	5.5	6.6	12.2	16.0	21.6	24.4	24.9	26.0	NA	NA
Fall 1990												
% AA	1.2	1.2	3.1	5.6	9.3	14.3	16.8	18.0	NA	NA	NA	NA
% Cert	-	-	0.6	0.6	0.6	0.6	0.6	0.6	NA	NA	NA	NA
% CSU	-	-	-	-	2.5	3.7	8.1	8.1	NA	NA	NA	NA
% Complete	1.2	1.2	3.7	6.2	12.4	18.6	25.5	26.7	NA	NA	NA	NA
Fall 1991												
% AA	-	1.4	2.1	4.3	12.8	16.3	20.6	22	24.8	24.8	25.5	25.5
% Cert	-	-	-	-	-	-	0.7	0.7	0.7	0.7	0.7	0.7
% CSU	-	-	3.5	5.7	10.6	13.5	16.3	17	18.4	18.4	18.4	19.1
% Complete	0.0	1.4	5.6	10.0	23.4	29.8	37.6	39.7	43.9	43.9	44.6	45.3
Fall 1992												
% AA	-	0.7	3.6	5.8	12.2	13.7	15.1	15.8	17.3	18.7	18.7	19.4
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	-	-	2.9	4.3	7.2	8.6	8.6	9.4	10.8	11.5	11.5	11.5
% Complete	0.0	0.7	6.5	10.1	19.4	22.3	23.7	25.2	28.1	30.2	30.2	30.9
Fall 1993												
% AA	-	3.1	3.8	8.8	14.5	17.6	22	23.3	24.5	27.7	29.6	29.6
% Cert	-	-	-	0.6	0.6	0.6	1.3	1.3	1.3	1.3	1.3	1.3
% CSU	-	-	3.8	5.7	9.4	10.7	13.8	15.1	15.7	18.9	20.1	20.1
% Complete	0.0	3.1	7.6	15.1	24.5	28.9	37.1	39.7	41.5	47.9	50.9	50.9

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Table 4A (Continued)
Palomar College Student Completion Outcomes
Athlete Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1994												
% AA	-	-	-	5.6	10.5	13.2	14.6	15.3	15.3	16.7	18.1	18.1
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	0.7	1.4	4.9	9.7	24.0	29.3	32.0	34.7	34.7	35.2	36.4	36.4
% Complete	0.7	1.4	4.9	15.3	34.5	42.5	46.6	50.0	50.0	51.9	54.5	54.5
Fall 1995												
% AA	-	-	0.7	4.4	13.3	20.0	20.0	21.5	23.7	24.4	24.4	24.4
% Cert	-	-	-	-	-	-	-	-	-	-	-	-
% CSU	-	0.7	3.0	6.7	13.3	17.8	17.8	17.8	18.5	19.3	19.3	19.3
% Complete	0.0	0.7	3.7	11.1	26.6	37.8	37.8	39.3	42.2	43.7	43.7	43.7
Fall 1996												
% AA	-	1.6	2.1	8.3	14.6	17.2	17.7	18.8	19.3	19.8		
% Cert	-	-	-	-	-	-	-	-	-	-		
% CSU	-	-	2.1	5.7	8.3	10.9	10.9	.9	11.5	12.0		
% Complete	0.0	1.6	4.2	14.1	22.9	28.1	28.6	.7	30.7	31.8		
Fall 1997												
% AA	-	-	0.5	5.3	11.7	14.4	16.5	16.5				
% Cert	-	-	-	-	-	-	-	-				
% CSU	-	-	1.6	6.9	11.2	13.8	15.4	15.4				
% Complete	0.0	0.0	2.1	12.2	22.9	28.2	31.9	31.9				
Fall 1998												
% AA	-	-	3.5	7.0	11.7	14.0						
% Cert	-	-	-	-	-	-						
% CSU	-	1.2	2.9	7.6	9.9	11.7						
% Complete	0.0	1.2	6.4	14.6	21.6	25.7						

Note: All data is end of semester data. Thus, the number of the cohort present for the first semester represents the number of first-time college students who entered and received at least one grade, including W grades, at the end of the their first semester. The number actually starting the first semester or each subsequent semester is unknown. A w grade is not required until the 4th week of the semester. In addition, a student is counted as present at the end of a semester if he or she receives a grade in any course including a W grade. Consequently, students receiving W grades in all courses are nonetheless counted as present or persisting for that semester. Persistence rates are lower when students with W's in all their cases are not counted as persisting.

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Abbreviations:

% Retained	Percentage of original cohort retained.
% AA	Percentage of original cohort awarded an Associates degree.
% Cert	Percentage of original cohort awarded a vocational Certificate.
% CSU	Percentage of original cohort certified as completing (or partially completing) lower division requirements for CSU transfer. Note: This data has not been recorded since Fall 1993.
Total CC	Percentage of original cohort retained or completing an AA, Certificate, or CSU certified.

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[\athlete\athlete cohort study 2002\report files\Athletes_Retention_Completion_Counts_Percent_Study 3 update.xls]

Table 3A
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1988**						
3.5-4.0	12	11	8	7	14	15	15	26	12	11	23	14
3.0-3.49	18	19	21	16	24	23	24	19	18	21	31	43
2.5-2.99	25	25	30	29	19	19	15	19	24	5	0	0
2.0-2.49	22	19	18	24	22	10	15	15	12	26	15	7
Below 2.0	24	26	22	24	22	33	30	22	35	37	31	36
Units Attempted	11.8	11.4	12.3	10.9	10.9	10.0	8.4	9.2	6.5	6.8	7.0	5.2
Units Completed	10.4	10.2	11.4	10.2	10.0	8.2	7.4	7.5	5.9	6.0	5.3	4.2
Mean Sem GPA*	2.44	2.40	2.46	2.29	2.43	2.19	2.14	2.48	2.07	2.08	2.15	2.03
Original N: 190	190	162	131	113	59	48	33	27	17	19	13	14
% of Original N	98	84	68	58	30	25	17	14	9	10	7	7
GPA % Distribution						**Fall 1989**						
3.5-4.0	9	5	7	5	13	12	17	7	21	23	na	na
3.0-3.49	18	19	25	19	16	22	17	24	25	14	na	na
2.5-2.99	23	26	23	27	19	25	14	17	4	0	na	na
2.0-2.49	29	19	20	18	20	12	8	3	21	5	na	na
Below 2.0	22	30	26	30	32	30	44	48	29	59	na	na
Units Attempted	12	10.65	11.61	10.66	11.07	10.04	8.32	7.69	7.17	5.32	na	na
Units Completed	10.62	9.65	10.46	9.36	9.65	8.78	6.04	5.79	6.56	3.39	na	na
Mean Sem GPA*	2.44	2.24	2.34	2.16	2.22	2.21	1.79	1.90	2.21	1.80	na	na
Original N: 177	177	152	124	103	69	60	36	29	24	22	na	na
% of Original N	98	84	69	57	38	33	20	16	13	12	na	na

* 4 members of this cohort did not take a class in the fall; 3 started in the summer and 1 started in the spring.

4 members of this cohort did not take a class in the fall; 1 started in the previous fall, 2 started the previous spring and 1 started in the following spring.

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Table 3A (continued)
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
	Fall 90											
GPA % Distribution												
3.5-4.0	NA											
3.0-3.49												
2.5-2.99												
2.0-2.49												
Below 2.0												
Units Attempted												
Units Completed												
Mean Sem GPA												
Original N 161*												
% of Original N												
						Fall 1991						
GPA % Distribution												
3.5-4.0	14	5	7	11	10	15	19	9	11	13	50	20
3.0-3.49	17	22	13	23	12	10	15	14	11	7	8	13
2.5-2.99	36	25	36	25	24	32	22	5	5	7	8	13
2.0-2.49	19	27	23	21	26	17	11	41	26	20	8	27
Below 2.0	14	22	21	20	29	27	33	32	47	53	25	27
Units Attempted	12.3	11.8	12.8	11.7	10.3	9.6	8.6	7.8	5.2	5.6	6.3	7.7
Units Completed	11.7	11.0	12.2	10.9	9.3	8.5	8.1	6.5	3.8	4.3	6.0	6.0
Mean Sem GPA	2.67	2.36	2.44	2.48	2.18	2.19	2.23	2.02	1.64	1.53	2.93	2.27
Original N 141#	139	129	97	84	51	41	27	22	19	15	12	15
% of Original N	99	91	69	60	36	29	19	16	13	11	9	11

* 1 member of this cohort did not take a class in the fall

\# 2 members of this cohort did not take a class in the fall

NA= Data not available.

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Table 3A (continued)
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1992**						
3.5-4.0	7	10	9	7	11	12	0	12	14	6	23	11
3.0-3.49	25	11	23	15	13	17	29	8	5	6	15	11
2.5-2.99	21	28	20	24	11	17	7	23	10	0	8	0
2.0-2.49	23	18	21	22	13	15	18	19	29	29	15	11
Below 2.0	23	33	27	33	51	39	46	39	43	59	39	67
Units Attempted	12.0	12.1	12.1	10.6	7.9	8.7	7.6	8.1	5.5	6.9	6.0	5.6
Units Completed	10.9	10.3	10.6	8.9	6.9	7.4	6.3	7.4	4.8	3.8	4.9	3.6
Mean Sem GPA	2.41	2.25	2.36	2.04	1.72	2.17	1.85	1.96	1.70	1.40	2.17	1.58
Original N: 139*	137	120	96	76	45	41	28	26	21	17	13	9
% of Original N	99	86	69	55	32	29	20	19	15	12	9	6
GPA % Distribution						**Fall 1993**						
3.5-4.0	13	9	8	10	9	14	16	14	4	20	17	14
3.0-3.49	20	20	26	21	17	14	23	18	25	40	22	43
2.5-2.99	26	22	24	24	21	20	19	7	17	10	17	14
2.0-2.49	21	22	17	19	27	14	16	21	17	20	17	7
Below 2.0	20	28	25	26	26	39	26	39	38	10	28	21
Units Attempted	12.3	11.1	11.3	11.1	10.1	9.1	8.1	6.5	6.7	6.7	7.2	6.3
Units Completed	10.8	9.9	10.5	10.1	9.3	7.5	7.3	5.5	5.4	6.6	6.8	5.3
Mean Sem GPA	2.53	2.30	2.43	2.33	2.18	2.02	2.40	2.01	1.96	2.82	2.25	2.47
Original N: 159#	157	149	109	100	66	51	31	28	24	24	18	14
% of Original N	99	94	69	63	42	32	19	18	15	15	11	9

* 2 members of this cohort did not take a class in the fall.

2 members of this cohort took a class in the fall.

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Table 3A (continued)
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1994**						
3.5-4.0	13	15	14	11	15	16	4	13	23	0	25	40
3.0-3.49	30	18	18	23	17	7	11	22	8	38	0	0
2.5-2.99	19	17	18	16	11	14	14	13	15	8	0	0
2.0-2.49	19	20	21	18	17	21	29	13	15	15	25	20
Below 2.0	19	31	29	32	39	42	43	39	38	38	50	40
Units Attempted	12.5	12.1	11.5	11.0	10.2	8.9	8.0	8.1	11.0	9.8	6.0	4.5
Units Completed	11.4	10.6	10.4	9.9	8.5	7.0	6.6	7.3	9.7	8.0	4.6	4.0
Mean Sem GPA	2.63	2.30	2.32	2.22	2.13	2.06	1.78	2.19	2.23	2.01	2.05	2.00
Original N: 144*	142	129	94	82	46	43	28	27	13	13	4	5
% of Original N	99	90	65	57	32	30	19	19	9	9	3	3
GPA % Distribution						**Fall 1995**						
3.5-4.0	13	13	6	11	10	9	25	13	0	20	0	33
3.0-3.49	25	16	22	21	14	28	20	13	29	20	33	17
2.5-2.99	18	20	26	20	18	13	10	6	14	0	0	0
2.0-2.49	24	24	12	16	18	19	20	31	14	20	0	33
Below 2.0	21	27	34	32	39	31	25	38	43	40	67	17
Units Attempted	11.8	12.2	11.6	11.5	10.3	10.3	10.2	7.2	8.4	5.9	4.0	4.0
Units Completed	10.5	10.6	10.2	10.14	8.7	8.6	9.5	6.0	8.4	5.7	3.7	3.7
Mean Sem GPA	2.60	2.40	2.25	2.27	2.13	2.27	2.48	1.70	1.80	2.11	1.08	2.56
Original N: 135#	127	125	94	81	49	36	20	16	7	5	3	6
% of Original N	94	93	70	60	36	27	15	12	5	4	2	4

* 2 members of this cohort did not take a class in the fall.

\# All members of this cohort took a class in the fall.

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Table 3A (continued)
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1996**						
3.5-4.0	13	12	9	12	10	18	16	21	20	21		
3.0-3.49	14	15	19	17	16	12	25	21	33	21		
2.5-2.99	24	19	22	14	12	16	16	7	7	7		
2.0-2.49	20	20	20	23	22	20	16	11	27	29		
Below 2.0	30	35	30	33	39	35	28	39	13	21		
Units Attempted	14.5	14.1	14.0	13.9	10.9	10.2	9.9	7.9	8.1	8.3		
Units Completed	13.0	12.9	12.8	12.9	9.7	9.5	8.3	7.1	7.7	6.8		
Mean Sem GPA	2.37	2.27	2.35	2.27	2.11	2.20	2.36	2.16	2.53	2.43		
Original N: 192	182	165	128	115	67	51	32	28	15	14		
% of Original N	95	86	67	60	35	27	17	15	8	7		
GPA % Distribution						**Fall 1997**						
3.5-4.0	7	13	10	12	11	15	19	12				
3.0-3.49	26	15	19	19	16	8	10	16				
2.5-2.99	16	17	24	20	14	17	3	12				
2.0-2.49	18	17	21	14	14	17	10	24				
Below 2.0	32	38	26	36	46	43	58	36				
Units Attempted	14.8	14.2	14.4	13.7	11.5	9.9	9.3	9.0				
Units Completed	13.2	12.9	13.2	12.3	10.2	9.1	8.1	7.1				
Mean Sem GPA	2.34	2.24	2.36	2.23	2.10	1.86	1.68	1.87				
Original N: 188	177	157	112	101	57	53	31	25				
% of Original N	94	84	60	54	30	28	16	13				

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Table 3A (continued)
Retention and Performance of Palomar College Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1998**						
3.5-4.0		11	14	13	14	13						
3.0-3.49	24	22	25	23	23	18						
2.5-2.99	22	20	19	17	23	16						
2.0-2.49	18	14	15	17	7	22						
Below 2.0	22	32	27	29	33	31						
Units Attempted	15.0	14.2	14.4	13.6	11.6	10.6						
Units Completed	14.0	13.1	13.8	12.9	10.4	9.9						
Mean Sem GPA	2.61	2.37	2.46	2.44	2.26	2.17						
Original N: 171	156	140	113	92	57	45						
% of Original N	91	82	66	54	33	26						
GPA % Distribution						**Fall 1999**						
3.5-4.0												
3.0-3.49												
2.5-2.99												
2.0-2.49												
Below 2.0												
Units Attempted												
Units Completed												
Mean Sem GPA												
Original N:												
% of Original N												

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Table 4A

Palomar College

Percentage Distribution of Course Units Taken by Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
% Distribution						**Fall 1988**						
ACS	9	6	7	6	4	3	2	3	0	0	0	0
PE	12	11	15	7	9	6	5	7	4	4	4	4
Precollegiate	15	14	13	9	10	15	12	8	12	10	4	8
Transferable	65	69	65	77	76	76	81	82	84	86	92	88
Total number of units	2554	2330	1928	1532	836	642	337	278	146	184	106	86
Number of athletes	190	162	131	113	59	48	33	27	17	19	13	14
% Distribution						**Fall 1989**						
ACS	8	7	6	5	3	4	2	1	1	2	NA	NA
PE	15	9	13	7	10	4	3	4	5	9	NA	NA
Precollegiate	15	15	10	9	11	11	11	10	6	7	NA	NA
Transferable	62	69	71	79	75	81	85	85	89	83	NA	NA
Total number of units	2467	2148	1792	1383	897	718	363	280	228	205	NA	NA
Number of athletes	177	152	124	103	69	60	36	29	24	22	NA	NA

NA=Data not available.

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Table 4A
Palomar College
Percentage Distribution of Course Sections Taken by Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
% Distribution						**Fall 1990**						
ACS	9	6	7	4	4	2	3	4	NA	NA	NA	NA
PE	15	9	12	6	9	9	4	8	NA	NA	NA	NA
Precollegiate	12	16	14	9	10	9	14	2	NA	NA	NA	NA
Transferable	64	69	68	81	77	79	80	86	NA	NA	NA	NA
									NA	NA	NA	NA
Total number of units	2372	2032	1666	1204	786	607	277	226	NA	NA	NA	NA
Number of athletes	160	140	111	87	65	52	28	25	NA	NA	NA	NA
% Distribution						**Fall 1991**						
ACS	11	12	8	7	6	6	0	2	4	5	3	0
PE	29	12	19	13	13	14	9	8	7	13	10	21
Precollegiate	10	14	8	8	10	9	9	14	9	10	10	12
Transferable	51	63	65	72	71	72	82	77	80	72	77	67
Total number of units	1998	1857	1466	1171	640	480	279	206	138	115	96	137
Number of athletes	138	129	97	84	51	41	27	22	19	15	12	15

NA=Data not available.

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Table 4A
Palomar College
Percentage Distribution of Course Sections Taken by Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
% Distribution						**Fall 1992**						
ACS	11	10	10	7	6	4	1	2	2	0	0	0
PE	22	19	18	10	15	9	5	15	12	6	3	3
Precollegiate	11	12	6	8	7	8	9	5	7	9	10	14
Transferable	56	59	66	75	72	79	85	77	80	85	87	83
Total number of units	1975	1799	1390	1033	522	461	283	276	164	149	99	82
Number of athletes	137	120	96	76	45	41	28	26	21	17	13	12
% Distribution						**Fall 1993**						
ACS	12	10	7	8	5	6	3	0	2	0	1	0
PE	24	15	19	10	14	10	11	9	6	5	1	3
Precollegiate	11	12	9	8	6	8	11	7	4	7	3	0
Transferable	53	63	66	75	75	76	75	84	89	89	95	97
Total number of units	2299	2076	1605	1380	857	577	308	230	170	179	149	96
Number of athletes	158	150	110	101	66	51	31	28	24	24	20	15

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Table 4A
Palomar College
Percentage Distribution of Course Sections Taken by Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
% Distribution						**Fall 1994**						
ACS	11	10	8	7	4	5	2	1	0	0	0	0
PE	24	14	17	10	12	10	12	10	9	3	15	0
Precollegiate	13	12	9	6	7	8	11	13	14	19	15	24
Transferable	52	65	67	77	78	77	75	76	77	79	70	77
Total number of units	2138	1897	1348	1128	569	457	275	249	160	121	27	17
Number of athletes	143	129	94	82	46	43	28	27	13	13	4	6
% Distribution						**Fall 1995**						
ACS	10	12	8	7	6	3	2	0	6	0	0	0
PE	25	13	16	14	14	9	7	10	7	18	14	0
Precollegiate	11	13	10	8	10	14	5	15	9	11	0	0
Transferable	55	62	66	71	70	75	87	76	78	71	86	100
Total number of units	1835	1840	1328	1131	612	450	245	145	68	38	14	32
Number of athletes	127	125	94	81	49	36	21	18	7	5	3	8

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Table 4A
Palomar College
Percentage Distribution of Course Sections Taken by Athlete Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
% Distribution						**Fall 1996**						
ACS	9	6	5	5	3	3	1	2	0	2		
PE	13	9	11	8	9	8	2	3	5	7		
Precollegiate	18	13	7	8	5	8	5	7	9	6		
Transferable	61	73	77	80	83	81	91	88	86	85		
Total number of units	2738	2640	2166	1859	860	622	329	225	146	103		
Number of athletes	182	167	132	119	71	57	33	29	17	14		
% Distribution						**Fall 1997**						
ACS	10	7	4	4	4	1	0	0				
PE	11	9	11	6	7	5	5	6				
Precollegiate	16	13	9	4	4	5	5	3				
Transferable	64	71	76	86	85	89	90	91				
Total number of units	3319	2705	1919	1492	692	595	290	204				
Number of athletes	178	160	114	101	57	56	31	25				

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Appendix B
Cohort Tracking Tables for
First-Time Full-Time Students

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Description of Tables

The tables in this appendix show tracking information for first-time, full-time student cohorts. We identified this group as a general comparison group for the athlete cohorts. The comparisons made in the report are based strictly on observation. Further, it is noted that any comparison be made with caution as we did not control for extraneous variables.

Table 1B shows persistence and completion information for the first-time full-time cohorts in terms of a percentage of the original cohort. The following information is provided for each cohort: persistence, AA degrees awarded, Certificate of Achievements awarded, and certifications to transfer to a CSU. Each cohort also includes a *Total CC* row that represents the sum of the persistence and completion information. Note, the "*Completion*" information provided in each table represents a cumulative percent by semester.

Table 2B includes just completion information (AA, CA, and certification to transfer to a CSU) for each cohort. Table 3B provides the distribution of semester GPAs by category, mean units attempted, mean units completed, and mean semester GPAs for each cohort.

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Table 3B
Palomar College Student Retention and Completion Outcomes
Full-time Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1988												
% Retained	100.0	85.3	65.6	59.2	42.4	35.2	25.1	22.1	15.3	14.4	9.3	8.6
% AA	-	-	-	1.7	4.7	8.1	9.8	10.6	12.0	12.4	13.1	14.6
% Cert	-	0.7	0.7	1.4	1.4	1.9	2.0	2.3	2.3	2.3	2.3	2.6
% CSU	-	-	-	0.4	3.6	6.4	12.0	13.1	15.3	16.7	18.5	18.7
Total CC	100.0	86.0	66.3	62.7	52.1	51.6	48.9	48.1	44.9	45.8	43.2	44.5
N = 701												
Fall 1989												
% Retained	100.0	88.7	70.9	64.1	49.5	43.6	28.1	26.0	18.1	15.7	10.8	9.6
% AA	-	0.1	0.2	1.5	4.2	7.0	10.3	11.8	13.2	14.4	14.7	15.1
% Cert	-	0.7	1.1	1.5	1.8	2.1	2.4	2.7	2.9	3.3	3.4	3.4
% CSU	-	-	0.1	0.2	3.8	7.8	12.0	13.7	16.7	17.9	18.2	18.8
Total CC	100.0	89.5	72.3	67.3	59.3	60.5	52.8	54.2	50.9	51.3	47.1	46.9
N = 842												
Fall 1990												
% Retained	100.0	84.1	69.4	62.0	45.0	37.9	21.7	17.3	12.4	11.6	9.7	8.3
% AA	-	-	0.1	1.1	3.9	6.4	9.6	10.6	11.9	12.3	13.1	13.3
% Cert	-	0.3	0.3	0.4	0.4	0.7	1.1	1.3	1.3	1.3	1.7	1.7
% CSU	-	-	0.1	0.6	2.9	6.1	11.3	12.6	13.1	13.4	14.1	14.1
Total CC	100.0	84.4	69.9	64.1	52.2	51.1	43.7	41.8	38.7	38.6	38.6	37.4
N = 700												
Fall 1991												
% Retained	100.0	86.8	70.2	62.8	45.5	39.7	26.2	23.1	15.6	14.2	9.5	7.3
% AA	-	-	0.3	1.0	3.7	6.7	9.0	10.5	12.3	13.5	14.6	15.3
% Cert	-	0.4	0.4	0.7	0.8	1.4	1.5	1.5	2.1	2.1	2.2	2.3
% CSU	-	-	0.1	1.4	6.3	9.2	11.3	12.0	13.9	14.5	15.3	15.4
Total CC	100.0	87.2	71.0	65.9	56.3	57.0	48.0	47.1	43.9	44.3	41.6	40.3
N = 726												
Fall 1992												
% Retained	100.0	88.3	69.3	64.9	44.8	36.1	22.8	19.4	13.4	9.2	9.7	N/A
% AA	-	-	-	1.0	2.2	2.4	2.7	2.8	3.1	3.4	3.4	N/A
% Cert	-	0.4	0.6	0.8	0.9	0.9	1.0	1.3	1.3	1.3	1.3	N/A
% CSU	-	-	0.5	3.4	8.3	11.6	14.8	16.0	17.8	18.3	18.5	N/A
Total CC	100.0	88.7	70.5	70.0	56.2	51.0	41.4	39.5	35.6	32.2	32.8	N/A
N = 775												
Fall 1993												
% Retained	100.0	86.9	71.6	64.2	45.5	36.9	24.4	17.5	13.1	*N/A*	*10.1*	*8.2*
% AA	-	0.4	0.8	2.4	5.7	8.8	12.2	13.9	14.9	*15.7*	*16.4*	*16.8*
% Cert	-	0.4	0.7	1.2	1.5	1.5	1.8	2.0	2.0	*2.0*	*2.1*	*2.1*
% CSU	-	-	0.4	5.2	10.0	13.7	17.4	18.7	19.2	*19.7*	*20.1*	*20.4*
Total CC	100.0	87.7	73.5	73.0	62.7	60.9	55.8	52.1	49.2	*N/A*	*48.9*	*47.6*
N = 839; *839*												

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Table 3B (Continued)
Palomar College Student Retention and Completion Outcomes
Full-time Cohorts

	Semester Since Entrance											
Cohort	**1st Fall**	**2nd Spr**	**3rd Fall**	**4th Spr**	**5th Fall**	**6th Spr**	**7th Fall**	**8th Spr**	**9th Fall**	**10th Spr**	**11th Fall**	**12th Spr**
Fall 1994												
% Retained	100.0	89.7	69.4	63.4	43.8	36.1	23.2	*N/A*	*15.0*	*13.0*	*8.8*	*7.7*
% AA	0.2	0.2	1.4	3.9	7.2	10.9	11.6	*12.7*	*14.0*	*15.0*	*16.2*	*16.4*
% Cert	-	0.3	0.8	1.5	1.8	1.9	2.0	*2.1*	*2.3*	*2.4*	*2.7*	*2.8*
% CSU	-	0.1	0.6	3.9	8.4	12.4	13.4	*14.5*	*15.9*	*16.5*	*17.0*	*17.7*
Total CC	100.0	90.3	72.2	72.7	61.2	61.3	50.2	*N/A*	*47.3*	*47.0*	*44.6*	*44.5*
N = 906; *904*												
Fall 1995												
% Retained	100.0	86.1	66.6	60.1	42.3	*N/A*	*21.6*	*18.2*	*12.5*	*10.9*	*8.4*	*7.0*
% AA	-	0.2	0.8	2.9	5.2	*8.2*	*8.3*	*10.4*	*11.4*	*14.1*	*14.8*	*15.8*
% Cert	0.1	0.6	0.8	1.2	1.4	*2.0*	*2.0*	*2.2*	*2.6*	*2.7*	*2.8*	*3.0*
% CSU	-	0.2	0.5	3.3	4.9	*7.6*	*7.7*	*9.9*	*9.4*	*12.3*	*12.7*	*12.0*
Total CC	100.0	87.1	68.7	67.5	53.8	*N/A*	*39.6*	*40.8*	*35.9*	*40.0*	*38.8*	*37.9*
N = 869; *856*												
Fall 1996												
% Retained	*99.3*	*86.7*	*70.5*	*63.6*	*45.7*	*37.9*	*24.2*	*20.4*	*15.7*	*13.3*		
% AA	-	*0.1*	*0.4*	*2.7*	*5.5*	*9.8*	*12.8*	*14.2*	*15.6*	*16.7*		
% Cert	-	-	*1.4*	*2.1*	*3.2*	*3.7*	*4.0*	*4.2*	*4.5*	*4.7*		
% CSU	-	-	*0.2*	*3.0*	*5.4*	*9.2*	*11.4*	*12.9*	*14.4*	*15.1*		
Total CC	*99.3*	*86.8*	*72.5*	*71.3*	*59.7*	*60.6*	*52.4*	*51.7*	*50.1*	*49.7*		
N = 1008												
Fall 1997												
% Retained	*98.8*	*85.8*	*67.4*	*61.6*	*43.9*	*36.3*	*23.7*	*19.5*				
% AA	-	*0.2*	*0.3*	*1.1*	*3.6*	*6.3*	*9.6*	*11.5*				
% Cert	-	-	-	*0.4*	*0.7*	*1.2*	*1.8*	*2.0*				
% CSU	*0.1*	*0.1*	*0.1*	*2.5*	*6.2*	*9.0*	*11.7*	*13.5*				
Total CC	*98.9*	*86.1*	*67.8*	*65.5*	*54.4*	*52.9*	*46.8*	*46.4*				
N = 1121												
Fall 1998												
% Retained	*100.0*	*87.6*	*67.4*	*60.4*	*45.2*	*36.7*						
% AA	-	*0.2*	*0.5*	*1.7*	*3.5*	*6.2*						
% Cert	-	-	-	*1.2*	*1.3*	*1.4*						
% CSU	-	*0.1*	*0.2*	*2.5*	*4.7*	*8.1*						
Total CC	*100.0*	*87.9*	*68.1*	*65.8*	*54.6*	*52.4*						
N = 1158												

Note: All data is end of semester data. Thus, the number of the cohort present for the first semester represents the number of first-time athlete students who entered and received at least one grade, including W grades, at the end of their first semester. The number actually starting the first semester or each subsequent semester is unknown. A W grade is not required until the 4th week of the semester. In addition, a student is counted as present at the end of a semester if he or she receives a grade in any course including a W grade. Consequently, students receiving W grades in all courses are nonetheless counted as present or persisting for that semester. Typically, persistence rates are lower when students with W's in all of their classes are not counted as persisting.

Abbreviations:

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% Retained	Percentage of original cohort retained.
% AA	Percentage of original cohort awarded an Associates degree.
% Cert	Percentage of original cohort awarded a vocational Certificate.
% CSU	Percentage of original cohort certified as completing (or partially completing) lower division requirements for CSU transfer. Note: This data has not been recorded since Fall 1993.
Total CC	Percentage of original cohort retained or completing an AA, Certificate, or CSU certified.

** Italicized numbers reflect recent updates. Note that different N's are used for the italicized and unitalicized numbers.
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Table 4B
Palomar College Student Completion Outcomes
Full-time Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1988												
% AA	-	-	-	1.7	4.7	8.1	9.8	10.6	12.0	12.4	13.1	14.6
% Cert	-	0.7	0.7	1.4	1.4	1.9	2.0	2.3	2.3	2.3	2.3	2.6
% CSU	-	-	-	0.4	3.6	6.4	12.0	13.1	15.3	16.7	18.5	18.7
% Complete	0.0	0.7	0.7	3.5	9.7	16.4	23.8	26.0	29.6	31.4	33.9	35.9
Fall 1989												
% AA	-	0.1	0.2	1.5	4.2	7.0	10.3	11.8	13.2	14.4	14.7	15.1
% Cert	-	0.7	1.1	1.5	1.8	2.1	2.4	2.7	2.9	3.3	3.4	3.4
% CSU	-	-	0.1	0.2	3.8	7.8	12.0	13.7	16.7	17.9	18.2	18.8
% Complete	0.0	0.8	1.4	3.2	9.8	16.9	24.7	28.2	32.8	35.6	36.3	37.3
Fall 1990												
% AA	-	-	0.1	1.1	3.9	6.4	9.6	10.7	11.9	12.3	13.1	13.3
% Cert	-	0.3	0.3	0.4	0.4	0.7	1.1	1.3	1.3	1.3	1.7	1.7
% CSU	-	-	0.1	1	2.9	6.1	11.3	12.6	13.1	13.4	14.1	14.1
% Complete	0.0	0.3	0.5	2.1	7.2	13.2	22.0	24.6	26.3	27.0	28.9	29.1
Fall 1991												
% AA	-	-	0.3	1.0	3.7	6.7	9.0	10.5	12.3	13.5	14.6	15.3
% Cert	-	0.4	0.4	0.7	0.8	1.4	1.5	1.5	2.1	2.1	2.2	2.3
% CSU	-	-	0.1	1.4	6.3	9.2	11.3	12.0	13.9	14.5	15.3	15.4
% Complete	0.0	0.4	0.8	3.1	10.8	17.3	21.8	24	28.3	30.1	32.1	33.0
Fall 1992												
% AA	-	-	-	1.0	2.2	2.4	2.7	2.8	3.1	3.4	3.4	N/A
% Cert	-	0	0.6	0.8	0.9	0.9	1.0	1.3	1.3	1.3	1.3	N/A
% CSU	-	-	0.5	3.4	8.3	11.6	14.8	16	17.8	18.3	18.5	N/A
% Complete	0.0	0.4	1.1	5.2	11.4	14.9	18.5	20.1	22.2	23	23.2	N/A
Fall 1993												
% AA	-	0.4	0.8	2.4	5.7	8.8	12.2	13.9	14.9	*15.7*	*16.4*	*16.8*
% Cert	-	0.4	0.7	1.2	1.5	1.5	1.8	2.0	2.0	*2.0*	*2.1*	*2.1*
% CSU	-	-	0.4	5.2	10.0	13.7	17.4	18.7	19.2	*19.7*	*20.1*	*20.4*
% Complete	0.0	0.8	1.9	8.8	17.2	24.0	31.4	34.6	36.1	*37.4*	*38.7*	*39.3*

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Table 4B (Continued)
Palomar College Student Completion Outcomes
Full-time Cohorts

	Semester Since Entrance											
Cohort	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
Fall 1994												
% AA	0.2	0.2	1.4	3.9	7.2	10.9	11.6	12.7	14.0	*15.0*	*16.2*	*16.4*
% Cert	-	0.3	0.8	1.5	1.8	1.9	2.0	2.1	2.3	*2.4*	*2.7*	*2.8*
% CSU	-	0.1	0.6	3.9	8.4	12.4	13.4	14.5	15.9	*16.5*	*17.0*	*17.7*
% Complete	0.2	0.6	2.8	9.3	17.4	25.2	27.0	29.3	32.3	*34.0*	*35.8*	*36.8*
Fall 1995												
% AA	-	0.2	0.8	2.9	5.2	8.2	*8.3*	*10.4*	*11.4*	*14.1*	*14.8*	*15.8*
% Cert	0.1	0.6	0.8	1.2	1.4	2.0	*2.0*	*2.2*	*2.6*	*2.7*	*2.8*	*3.0*
% CSU	-	0.2	0.5	3.3	4.9	7.6	*7.7*	*9.9*	*9.4*	*12.3*	*12.7*	*12.0*
% Complete	0.1	0.2	2.1	7.4	11.5	17.8	*18.0*	*22.5*	*23.4*	*29.1*	*30.4*	*30.8*
Fall 1996												
% AA	-	*0.1*	*0.4*	*2.7*	*5.5*	*9.8*	*12.8*	*14.2*	*15.6*	*16.7*		
% Cert	-	-	*1.4*	*2.1*	*3.2*	*3.7*	*4.0*	*4.2*	*4.5*	*4.7*		
% CSU	-	-	*0.2*	*3.0*	*5.4*	*9.2*	*11.4*	*12.9*	*14.4*	*15.1*		
% Complete	*0.0*	*0.1*	*2.0*	*7.7*	*14.0*	*22.7*	*28.2*	*31.3*	*34.4*	*36.4*		
Fall 1997												
% AA	-	*0.2*	*0.3*	*1.1*	*3.6*	*6.3*	*9.6*	*11.5*				
% Cert	-	-	-	*0.4*	*0.7*	*1.2*	*1.8*	*2.0*				
% CSU	*0.1*	*0.1*	*0.1*	*2.5*	*6.2*	*9.0*	*11.7*	*13.5*				
% Complete	*0.1*	*0.3*	*0.4*	*3.9*	*10.5*	*16.6*	*23.1*	*26.9*				
Fall 1998												
% AA	-	*0.2*	*0.5*	*1.7*	*3.5*	*6.2*						
% Cert	-	-	-	*1.2*	*1.3*	*1.4*						
% CSU	-	*0.1*	*0.2*	*2.5*	*4.7*	*8.1*						
% Complete	*0.0*	*0.3*	*0.7*	*5.4*	*9.4*	*15.7*						

Note: All data is end of semester data. Thus, the number of the cohort present for the first semester represents the number of first-time college students who entered and received at least one grade, including W grades, at the end of the their first semester. The number actually starting the first semester or each subsequent semester is unknown. A w grade is not required until the 4th week of the semester. In addition, a student is counted as present at the end of a semester if he or she receives a grade in any course including a W grade. Consequently, students receiving W grades in all courses are nonetheless counted as present or persisting for that semester. Persistence rates are lower when students with W's in all their cases are not counted as persisting.

Abbreviations:

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% Retained	Percentage of original cohort retained.
% AA	Percentage of original cohort awarded an Associates degree.
% Cert	Percentage of original cohort awarded a vocational Certificate.
% CSU	Percentage of original cohort certified as completing (or partially completing) lower division requirements for CSU transfer. Note: This data has not been recorded since Fall 1993.
Total CC	Percentage of original cohort retained or completing an AA, Certificate, or CSU certified.

** Italicized numbers reflect recent updates. Note that different N's are used for the italicized and unitalicized numbers.

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Table 3B
Retention and Performance of Palomar College First-time Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1988**						
3.5-4.0	10	11	15	16	17	16	15	17	25	20	25	23
3.0-3.49	18	19	22	25	21	26	23	28	24	21	15	28
2.5-2.99	23	19	22	20	19	17	21	12	10	14	5	5
2.0-2.49	24	18	17	15	20	18	18	21	21	13	11	8
Below 2.0	25	33	24	24	24	24	24	23	20	33	45	35
Units Attempted	13.5	11.4	11.4	10.7	9.9	9.1	8.4	7.6	7.1	6.2	6.4	6.0
Units Completed	12.2	9.9	10.5	9.9	9.1	8.6	7.8	7.0	6.6	5.3	5.3	5.3
Mean Sem GPA*	2.37	2.20	2.41	2.41	2.38	2.36	2.38	2.37	2.52	2.20	2.09	2.20
Original N: 701	701	598	460	415	297	226	176	155	107	102	65	60
% of Original N	100	85	66	59	42	32	25	22	15	15	9	9
GPA % Distribution						**Fall 1989**						
3.5-4.0	13	11	16	19	23	22	26	24	26	28	N/A	N/A
3.0-3.49	22	24	24	26	19	29	29	21	25	23		
2.5-2.99	22	21	20	21	20	14	10	16	11	13		
2.0-2.49	19	21	18	16	16	12	11	17	10	11		
Below 2.0	24	23	22	19	22	23	23	22	28	26		
Units Attempted	13.6	10.9	11.3	10.9	10.2	9.5	8.3	7.5	7.5	6.8		
Units Completed	12.6	10.2	10.6	10.4	9.4	8.8	7.5	7.0	6.9	5.9		
Mean Sem GPA*	2.46	2.40	2.50	2.58	2.56	2.53	2.53	2.46	2.39	2.43		
Original N: 842	842	747	597	540	417	367	237	219	152	132		
% of Original N	100	89	71	64	50	44	28	26	18	16		

* Students receiving all W's in their courses are counted as having a GPA of zero.

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Table 3B (continued)
Retention and Performance of Palomar College Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1990**						
3.5-4.0	16	16	17	18	20	20	23	22	28	24	15	33
3.0-3.49	21	23	21	25	27	31	29	20	22	30	37	26
2.5-2.99	25	22	20	20	17	18	11	15	13	9	6	12
2.0-2.49	18	16	18	16	14	15	15	11	18	11	15	14
Below 2.0	20	23	24	21	21	16	23	32	19	25	26	14
Units Attempted	13.5	11.2	11.3	10.9	10.2	9.4	8.0	7.3	7.22	6.04	6.02	6.68
Units Completed	12.3	10.3	10.5	10.3	9.4	8.8	7.3	6.7	6.56	5.35	5.78	6.46
Mean Sem GPA*	2.53	2.44	2.46	2.49	2.55	2.64	2.53	2.30	2.60	2.44	2.32	2.80
Original N: 700	700	589	485	434	313	263	150	119	85	79	65	57
% of Original N	100	84	69	62	45	38	21	17	12	11	9	8
GPA % Distribution						**Fall 1991**						
3.5-4.0	17	14	16	18	19	19	13	17	22	25	31	26
3.0-3.49	20	22	22	27	19	25	23	26	20	27	24	18
2.5-2.99	21	19	20	16	17	19	16	9	16	7	6	8
2.0-2.49	21	19	19	16	19	13	19	20	20	12	10	20
Below 2.0	22	26	24	24	26	25	29	28	22	28	28	29
Units Attempted	13.1	10.9	10.8	10.8	9.8	9.0	8.2	6.7	7.0	6.2	6.3	6.5
Units Completed	12.1	9.9	9.9	10.1	8.9	8.2	7.2	6.2	6.6	5.4	5.4	5.5
Mean Sem GPA*	2.52	2.37	2.43	2.48	2.40	2.48	2.26	2.28	2.46	2.41	2.44	2.25
Original N: 719	719	628	508	453	327	286	189	168	112	99	67	51
% of Original N	100	87	71	63	45	40	26	23	16	14	9	7

* Students receiving all W's in their courses are counted as having a GPA of zero.

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Table 3B (Continued)
Retention and Performance of Palomar Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1992**						
3.5-4.0	16	14	19	21	20	22	23	26	21	22	31	N/A
3.0-3.49	21	26	23	27	28	20	17	16	18	16	23	
2.5-2.99	20	20	19	17	16	17	12	14	10	10	12	
2.0-2.49	20	17	18	13	12	16	17	14	16	16	12	
Below 2.0	22	22	21	22	25	25	30	31	34	34	22	
Units Attempted	13.7	11.3	11.2	11.0	9.7	9.0	7.6	7.8	6.8	7.0	6.5	
Units Completed	12.5	10.4	10.3	10.1	8.8	8.3	6.6	6.8	5.9	5.8	5.6	
Mean Sem GPA*	2.53	2.47	2.52	2.55	2.46	2.48	2.30	2.31	2.17	2.17	2.62	
Original N: 775	775	684	537	503	346	278	172	144	99	67	74	
% of Original N	100	88	69	65	45	36	22	19	13	9	10	
GPA % Distribution						**Fall 1993**						
3.5-4.0	14	16	17	22	21	24	20	18	26	*31*	*34*	*41*
3.0-3.49	26	23	27	23	28	26	23	24	22	*26*	*26*	*19*
2.5-2.99	23	20	22	18	16	16	12	7	10	*6*	*8*	*6*
2.0-2.49	17	19	12	15	17	17	17	18	15	*14*	*13*	*10*
Below 2.0	20	22	22	22	18	18	28	34	28	*23*	*18*	*24*
Units Attempted	13.7	11.5	10.8	10.8	9.7	9.1	7.9	7.4	6.7	*8.3*	*7.0*	*7.3*
Units Completed	12.7	10.6	10.3	10.2	9.3	8.6	7.0	6.4	5.9	*7.7*	*6.6*	*6.9*
Mean Sem GPA*	2.61	2.47	2.51	2.55	2.59	2.64	2.35	2.21	2.33	*2.67*	*2.75*	*2.76*
Original N: 839: *839*	839	729	537	381	381	310	205	146	110	*96*	*76*	*63*
% of Original N	100	87	64	45	45	37	24	17	13	*11*	*9*	*8*

* Students receiving all W's in their courses are counted as having a GPA of zero.
** Italicized numbers reflect recent updates. Note that different N's are used for the italicized and unitalicized numbers. Previous cohort creation did not remove athletes from the full-time cohorts. The italicized numbers reflect our new procedure (removal of athletes from full-time cohorts).
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Table 3B (Continued)
Retention and Performance of Palomar College Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1994**						
3.5-4.0	18	18	19	23	22	23	18	*26*	*33*	*30*	*38*	*37*
3.0-3.49	24	24	25	22	24	19	20	*20*	*25*	*27*	*17*	*29*
2.5-2.99	22	18	18	19	13	15	16	*14*	*9*	*6*	*8*	*6*
2.0-2.49	16	18	19	14	15	14	14	*13*	*17*	*16*	*8*	*6*
Below 2.0	20	22	20	23	27	29	33	*28*	*17*	*21*	*29*	*22*
Units Attempted	13.6	11.2	11.1	11.2	9.7	8.9	8.3	*8.5*	*7.9*	*8.0*	*7.9*	*6.8*
Units Completed	12.4	10.3	10.5	10.5	8.9	8.0	7.4	*8.0*	*7.2*	*7.7*	*7.8*	*6.6*
Mean Sem GPA*	2.59	2.45	2.57	2.54	2.44	2.39	2.26	*2.47*	*2.72*	*2.72*	*2.55*	*2.53*
Original N: 906: *904*	906	812	628	573	395	324	208	*155*	*126*	*107*	*72*	*51*
% of Original N	100	90	69	63	44	36	23	*17*	*14*	*12*	*8*	*6*
GPA % Distribution						**Fall 1995**						
3.5-4.0	15	17	19	17	16	*23*	*22*	*24*	*31*	*25*	*32*	*22*
3.0-3.49	24	22	19	22	22	*22*	*22*	*30*	*25*	*19*	*21*	*24*
2.5-2.99	21	16	18	18	14	*10*	*11*	*12*	*11*	*12*	*6*	*6*
2.0-2.49	18	19	19	14	18	*15*	*18*	*14*	*10*	*20*	*14*	*22*
Below 2.0	22	26	25	29	29	*30*	*27*	*20*	*24*	*23*	*27*	*27*
Units Attempted	13.4	12.2	11.6	11.5	10.3	*10.7*	*8.7*	*9.2*	*8.0*	*8.2*	*7.1*	*6.3*
Units Completed	12.3	10.6	10.2	10.1	8.7	*9.9*	*8.1*	*8.4*	*7.4*	*7.9*	*6.7*	*6.2*
Mean Sem GPA*	2.55	2.40	2.25	2.27	2.13	*2.43*	*2.45*	*2.65*	*2.66*	*2.52*	*2.50*	*2.39*
Original N: 869: *856*	869	748	578	520	366	*271*	*166*	*153*	*102*	*83*	*66*	*51*
% of Original N	100	86	67	60	42	*32*	*19*	*18*	*12*	*10*	*8*	*6*

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Table 3B (Continued)
Retention and Performance of Palomar College Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1996**						
3.5-4.0	*15*	*13*	*17*	*17*	*20*	*23*	*21*	*24*	*29*	*29*		
3.0-3.49	*19*	*21*	*21*	*23*	*20*	*25*	*22*	*22*	*21*	*27*		
2.5-2.99	*21*	*18*	*18*	*18*	*15*	*13*	*12*	*11*	*9*	*7*		
2.0-2.49	*18*	*18*	*20*	*17*	*17*	*17*	*22*	*14*	*15*	*12*		
Below 2.0	*28*	*31*	*24*	*24*	*22*	*24*	*23*	*28*	*26*	*25*		
Units Attempted	*14.2*	*13.1*	*13.0*	*12.6*	*11.6*	*11.0*	*9.4*	*8.8*	*7.9*	*7.4*		
Units Completed	*13.7*	*12.2*	*12.1*	*11.7*	*10.6*	*10.1*	*7.4*	*7.9*	*6.7*	*6.2*		
Mean Sem GPA*	*2.43*	*2.32*	*2.47*	*2.50*	*2.59*	*2.55*	*2.51*	*2.43*	*2.47*	*2.53*		
Original N: *1008*	*1001*	*851*	*698*	*627*	*444*	*373*	*234*	*192*	*150*	*121*		
% of Original N	*99*	*84*	*69*	*62*	*44*	*37*	*23*	*19*	*15*	*12*		
GPA % Distribution						**Fall 1997**						
3.5-4.0	*14*	*13*	*18*	*22*	*23*	*22*	*26*	*25*				
3.0-3.49	*17*	*16*	*21*	*24*	*22*	*24*	*25*	*22*				
2.5-2.99	*17*	*18*	*18*	*15*	*18*	*16*	*8*	*13*				
2.0-2.49	*19*	*19*	*16*	*14*	*13*	*14*	*17*	*14*				
Below 2.0	*33*	*34*	*27*	*25*	*24*	*23*	*24*	*26*				
Units Attempted	*13.9*	*13.0*	*12.6*	*12.6*	*11.6*	*10.8*	*9.5*	*8.7*				
Units Completed	*13.4*	*12.1*	*11.8*	*11.6*	*11.0*	*10.0*	*9.0*	*8.0*				
Mean Sem GPA*	*2.32*	*2.26*	*2.46*	*2.54*	*2.58*	*2.59*	*2.56*	*2.50*				
Original N: *1121*	*1108*	*944*	*739*	*670*	*485*	*393*	*255*	*207*				
% of Original N	*99*	*84*	*66*	*60*	*43*	*35*	*23*	*18*				

* Students receiving all W's in their courses are counted as having a GPA of zero.

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Table 3B (Continued)
Retention and Performance of Palomar College Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1998**						
3.5-4.0	*13*	*14*	*16*	*22*	*25*	*21*						
3.0-3.49	*17*	*18*	*20*	*21*	*21*	*22*						
2.5-2.99	*19*	*16*	*17*	*16*	*14*	*16*						
2.0-2.49	*20*	*18*	*16*	*14*	*16*	*16*						
Below 2.0	*30*	*35*	*30*	*27*	*25*	*26*						
Units Attempted	*14.0*	*13.0*	*12.6*	*12.4*	*11.3*	*10.9*						
Units Completed	*13.6*	*12.2*	*11.9*	*11.7*	*10.6*	*10.2*						
Mean Sem GPA*	*2.36*	*2.26*	*2.37*	*2.48*	*2.52*	*2.49*						
Original N: *1158*	*1158*	*995*	*766*	*685*	*511*	*436*						
% of Original N	*100*	*86*	*66*	*59*	*44*	*38*						
GPA % Distribution						**Fall 1999**						
3.5-4.0												
3.0-3.49												
2.5-2.99												
2.0-2.49												
Below 2.0												
Units Attempted												
Units Completed												
Mean Sem GPA*												
Original N:												
% of Original N												

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Table 3B (Continued)
Retention and Performance of Palomar College Full-time Cohorts

	1st Fall	2nd Spr	3rd Fall	4th Spr	5th Fall	6th Spr	7th Fall	8th Spr	9th Fall	10th Spr	11th Fall	12th Spr
GPA % Distribution						**Fall 1998**						
3.5-4.0	*13*	*14*	*16*	*22*	*25*	*21*						
3.0-3.49	*17*	*18*	*20*	*21*	*21*	*22*						
2.5-2.99	*19*	*16*	*17*	*16*	*14*	*16*						
2.0-2.49	*20*	*18*	*16*	*14*	*16*	*16*						
Below 2.0	*30*	*35*	*30*	*27*	*25*	*26*						
Units Attempted	*14.0*	*13.0*	*12.6*	*12.4*	*11.3*	*10.9*						
Units Completed	*13.6*	*12.2*	*11.9*	*11.7*	*10.6*	*10.2*						
Mean Sem GPA*	*2.36*	*2.26*	*2.37*	*2.48*	*2.52*	*2.49*						
Original N: *1158*	*1158*	*995*	*766*	*685*	*511*	*436*						
% of Original N	*100*	*86*	*66*	*59*	*44*	*38*						
GPA % Distribution						**Fall 1999**						
3.5-4.0												
3.0-3.49												
2.5-2.99												
2.0-2.49												
Below 2.0												
Units Attempted												
Units Completed												
Mean Sem GPA*												
Original N:												
% of Original N												

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